AUTODOC

How to replace the front brake pads of disc brake on Ford Fiesta V JH JD

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FORD FIESTA V (JH_, JD_) 1.4 16V, FORD FUSION (JU_) 1.4

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit No.H7.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the hood. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3

Loosen the wheel mounting bolts. Use wheel impact socket #19.

4

Raise the front of the car and secure on supports.

5

Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6

Remove the wheel.

7

Spread the brake pads. Use a crowbar.

8

Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

9

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

10

Detach the brake caliper retaining spring. Use a crowbar.

11

Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12

Remove the brake pads.

AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

13

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

14

Press in the brake caliper piston. Use brake caliper wind back tool.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

15

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

16

Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

17

Install new brake pads.

AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

18

Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.

19

Install the dust boot caps of the brake caliper guide pins.

20

Install the brake caliper retaining spring.

21

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

22

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

23

Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

24

Screw in the wheel bolts. Use wheel impact socket #19.

25

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 120 Nm torque.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

26

Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

27

Close the hood.

28

Remove the jacks and chocks.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

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